

OK to Enter
3/19/06 UW

Application No. 09/923,270
Amendment dated March 3, 2006
Reply to Office Action dated November 15, 2005

Amendments to the Claims:

1-12. (Cancelled)

13. (Previously presented) A nucleic acid sequence comprising an adeno-associated virus (AAV) nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus nucleic acid sequence, wherein said AAV helper virus sequence comprises the complete adenovirus 5 sequence with exception of the E1 region.

14. (Previously Presented) A nucleic acid sequence comprising an adeno-associated virus (AAV) nucleic acid sequence and an AAV helper virus nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11248.

15. (Previously Presented) A nucleic acid sequence comprising an adeno-associated virus (AAV) nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus nucleic acid sequence, wherein said AAV helper virus nucleic acid sequence comprises the complete adenovirus 5 sequence with exception of L1 and E1 regions.

16. (Previously Presented) A nucleic acid sequence comprising an adeno-associated virus (AAV) nucleic acid sequence and an AAV helper virus nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11817.

17. (Previously Presented) A composition comprising a nucleic acid sequence of Claim 13, 14, 15, or 16, and recombinant adeno-associated virus (rAAV) vector.

Application No. 09/923,270
Amendment dated March 3, 2006
Reply to Office Action dated November 15, 2005

18. (Previously Presented) The composition of Claim 17, further comprising a cell.
19. (Previously Presented) The composition of Claim 18, wherein said cell is a mammalian cell.
20. (Currently Amended) A method for producing ~~recombinant~~ adeno-associated-virus (rAAV) viral particle preparation which is not contaminated with helper viruses, comprising:
 - a) exposing cells to a nucleic acid sequence comprising an AAV nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus nucleic acid sequence, wherein said AAV helper virus nucleic acid sequence comprises the complete adenovirus 5 sequence with exception of the E1 region;
 - (b) causing said nucleic acid sequence to enter said cells;
 - (c) inducing said cells to develop rAAV said adeno-associated viral particles;
and
 - (d) isolating said rAAV adeno-associated viral particles.
21. (Currently Amended) A method for producing ~~recombinant~~ adeno-associated-virus (rAAV) viral particle preparation which is not contaminated with helper viruses, comprising:
 - a) exposing cells to a nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11248;
 - (b) causing said nucleic acid sequence to enter said cells;
 - (c) inducing said cells to develop rAAV said adeno-associated viral particles;
and
 - (d) isolating said rAAV adeno-associated viral particles.

Application No. 09/923,270
Amendment dated March 3, 2006
Reply to Office Action dated November 15, 2005

22. (Currently Amended) A method for producing ~~recombinant~~-adeno-associated-virus (~~AAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a nucleic acid sequence comprising an AAV nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus nucleic acid sequence, wherein said AAV helper virus nucleic acid sequence comprises the complete adenovirus 5 sequence with exception of L1 and E1 regions;
- (b) causing said nucleic acid sequence to enter said cells;
- (c) inducing said cells to develop ~~AAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~AAV~~ adeno-associated viral particles.

23. (Currently Amended) A method for producing ~~recombinant~~-adeno-associated-virus (~~AAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11817;
- (b) causing said nucleic acid sequence to enter said cells;
- (c) inducing said cells to develop ~~AAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~AAV~~ adeno-associated viral particles.

24. (Currently Amended) A method for producing ~~recombinant~~-adeno-associated-virus (~~AAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a composition comprising (1) a nucleic acid sequence comprising an AAV virus nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus

Application No. 09/923,270
Amendment dated March 3, 2006
Reply to Office Action dated November 15, 2005

nucleic acid sequence, wherein said AAV helper virus nucleic acid sequence comprises the complete adenovirus 5 sequence with exception of E1 region, and (2) an ~~AAV~~ said adeno-associated vector;

- (b) causing said composition to enter said cells;
- (c) inducing said cells to develop ~~AAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~AAV~~ adeno-associated viral particles.

25. (Currently Amended) A method for producing ~~recombinant~~ adeno-associated-virus (~~AAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a composition comprising (1) a nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11248 and (2) an ~~AAV~~ said adeno-associated vector;
- (b) causing said composition to enter said cells;
- (c) inducing said cells to develop ~~AAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~AAV~~ adeno-associated viral particles.

26. (Currently Amended) A method for producing ~~recombinant~~ adeno-associated-virus (~~AAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a composition comprising (1) a nucleic acid sequence comprising an AAV nucleic acid sequence, wherein said AAV nucleic acid sequence comprises a rep gene or a cap gene or a rep gene and a cap gene, and an AAV helper virus nucleic acid sequence, wherein said AAV helper virus nucleic acid sequence comprises the complete adenovirus 5 sequence with exception of L1 and the E1 regions and (2) an ~~AAV~~ said adeno-associated vector;

Application No. 09/923,270

Amendment dated March 3, 2006

Reply to Office Action dated November 15, 2005

- (b) causing said composition to enter said cells;
- (c) inducing said cells to develop ~~FAAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~FAAV~~ adeno-associated viral particles.

27. (Currently Amended) A method for producing ~~recombinant~~ adeno-associated ~~virus~~ (~~FAAV~~) viral particle preparation which is not contaminated with helper viruses, comprising:

- a) exposing cells to a composition comprising (1) a nucleic acid sequence, wherein said nucleic acid sequence has been deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen under DSMZ 11817 and (2) an ~~FAAV~~ said adeno-associated vector;
- (b) causing said composition to enter said cells;
- (c) inducing said cells to develop ~~FAAV~~ said adeno-associated viral particles;

and

- (d) isolating said ~~FAAV~~ adeno-associated viral particles.